

EXISTING CONTROL MEASURES AND CURRENT STATUS

The following tables list all control measures included in the *2001 Ozone Attainment Plan* and the *2000 Clean Air Plan*, and summarize their current status. (Refer to the respective plans for detailed control measure descriptions.)

2001 Ozone Attainment Plan Control Measures

Control Measure		Status
SS-11	Improved Architectural Coatings Rule	Adopted 2001
SS-12	Improved Storage of Organic Liquids Rule	Adopted 2002
SS-13	Low VOC Surface Preparation Solvents	Adopted 2002
SS-14	Aqueous Solvents for Cold Cleaning	Adopted 2002
SS-15	Monitoring of Refinery Flares	Public hearing scheduled May 2003
SS-16	BACT for Refinery Valve Replacements	To be completed 2003
SS-17	Improved Process Depressurization Rule	To be completed 2003
MS-1	I&M Program, Liquid Leaks and Evaporation	Liquid leaks implemented, evaporative system delayed (<i>Bureau of Automotive Repair</i>)
TCM-A	Regional Express Bus Program	Buses purchased and service starting in 2003
TCM-B	Bicycle/Pedestrian Program	Funding to be allocated May/June 2003
TCM-C	Transportation for Livable Communities	Funding to be provided through TEA 21 reauthorization
TCM-D	Additional Freeway Service Patrol	Completed 2001
TCM-E	Transit Access to Airports	BART SFO service to begin June 2003

Note: SS = stationary source, MS = mobile source, TCM = transportation control measure

2001 Ozone Attainment Plan Further Study Measures

Further Study Measure		Status, Results
FS-1	Accelerate Urban Bus Particulate Trap Retrofits	Completed, funding approved
FS-2	Update MTC High Occupancy Vehicle (HOV) Lane Master Plan	Completed, new lanes would be added to 2005 RTP
FS-3	Study Air Quality Effects of High Speed Freeway Travel	Study complete but inconclusive, further research needed
FS-4	Evaluate Parking Management Incentive Program	Study concluded municipal paid parking largely in place
FS-5	Enhanced Housing Incentive Program	Increased HIP funding being sought
FS-6	Further Smog Check Program Improvements	AB 2637 adopted. Implementation 10/2003
FS-7	Parking Cash Out Pilot Program	One project initiated
FS-8	Refinery Blowdown Systems a) Flares b) Pressure Relief Devices c) Blowdown Systems	To proceed to rulemaking To proceed to rulemaking Rulemaking or enforcement action
FS-9	Refinery Wastewater Systems a) Drains, pipes, junction boxes b) Treatment, aeration	To proceed to rulemaking 2003 Further study needed
FS-10	Organic Liquid Storage Tanks	Technical assessment expected mid-2003
FS-11	Marine Tank Vessel Activities	To proceed to rulemaking

2000 Clean Air Plan Control Measures

Control Measure		Status
A-1	Improved Architectural Coatings Rule	Adopted 2001
A-5	Surface Preparation and Cleanup Standards for Metal Parts Coating Rule	Adopted 2002
A-21	Improved Automobile Refinish Coatings Rule	Researching with ARB and other districts
A-22	Improved Wood Products Coatings Rule	Deemed not technically feasible
A-23	VOC Limits for Concrete Coating Operations	Emission reductions estimated to be less than de minimis
B-2	Improved Storage of Organic Liquids Rule	Some elements have been adopted; other elements being studied under FS-10
C-4	Improved Process Vessel Depressurization Rule	To be completed 2003
D-8	Improved Residential Water Heater Rule	Postponed
G-3	Seasonal Limitations on Organic Liquid Storage Tank and Wastewater Separator Cleaning and Refinery Shutdowns	Amendments to Rule 8-10 scheduled 2003
TCM-1	Support Voluntary Employer-Based Trip Reduction Programs	MTC, Air District fund regional rideshare program and local trip reduction programs.
TCM-2	Employer-Based Trip Reduction Rule	TCM deleted per State law.
TCM-3	Improve Areawide Transit Service	2001 RTP fully funds transit capital shortfalls. Poor economy limits expansion of services.
TCM-4	Improve Regional Rail Service	Most projects are completed, under construction, or funding is programmed.
TCM-5	Improve Access to Rail and Ferries	MTC, Air District fund numerous access improvements at rail and ferry stations.
TCM-6	Improve Interregional Rail Service	Most projects have been implemented or deemed not cost-effective.
TCM-7	Improve Ferry Service	Vallejo, Larkspur and Oakland services have been augmented. Water Transit Authority is studying additional services
TCM-8	Construct Carpool/Express Bus Lanes on Freeways	HOV network and park & ride facilities have been expanded. Express Bus Program (TCM-A) will largely use HOV network.
TCM-9	Improve Bicycle Access and Facilities	MTC, Air District fund numerous bike lanes, paths, storage facilities. MTC completed Regional Bike Plan in 2001.
TCM-10	Youth Transportation	MTC, Air District fund student transit and ridesharing programs. ARB, Air District fund low emitting school buses.
TCM-11	Install Freeway/Arterial Metro Traffic Operations System (TOS)	Freeway Service Patrol has been expanded. TOS implementation is underway.
TCM-12	Improve Arterial Traffic Management	MTC, Air District fund signal timing and signal preemption projects, as well as transit and bicycle enhancements on arterials.
TCM-13	Transit Use Incentives	Commuter Check use increasing. Translink demonstration deemed successful. Numerous transit centers funded.
TCM-14	Improve Rideshare/Vanpool Services and Incentives	MTC, Air District fund regional and local rideshare, vanpool and transit information programs.
TCM-15	Local Clean Air Plans, Policies and Programs	Regional smart growth vision approved, and alternative Projections adopted. TLC, HIP, TFCA fund local smart growth projects.

TCM-16	Intermittent Control Measure/Public Education	Spare the Air program participation increasing. Air District has extensive public education campaign.
TCM-17	Conduct Demonstration Projects	Air District funds numerous clean fuel vehicles and diesel engine retrofits.
TCM-18	Transportation Pricing Reform	MTC, Air District support proposed legislation to raise tolls on State bridges. Some pricing measures lack legislative support.
TCM-19	Pedestrian Travel	MTC funds numerous pedestrian projects.
TCM-20	Promote Traffic Calming Measures	MTC, Air District fund traffic calming projects.

2000 Clean Air Plan Further Study Measures

Further Study Measure		Status, Results
A-3	Improved Aerospace Coatings Rule	Emission reductions estimated to be less than de minimis.
A-6	Improved Surface Coating of Plastic Parts and Products Rule	Emission reductions estimated to be less than de minimis.
C-7	Control of Emissions from Refinery Flares	Flare monitoring rule scheduled for adoption May 2003. Other elements to proceed to rulemaking or enforcement action.
C-8	Draining of Liquid Products/Sumps and Pits	To proceed to rulemaking 2003.
F-7	Easing of Administrative Requirements for Use of Lower Emitting Technology	Implemented on a rule-by-rule basis (e.g., Rule 8-32).
F-8	Limitations on Solvents Based on Relative Reactivities	Being researched by ARB.